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| Substit | tute for I | Form 1449A/PTO (Mod | lifieà, | | | Cumple | te if Knowr |) | | |
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| | | | | | Filing Date | | February 2, | 2001 | | |
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| Sheet | | <u>* 1</u> | of | 1 | Attorney Docket Numb | per | 4341P053 | | | |
| CATA | THADE | | | U.S. PATENT | DOCUMENTS | | | | | |
| Exam. | Cite | U.S. Patent Docum | nent | | tentee or Applicant | | Publication of | Pages, Colu | | |
| Initial* | No. ¹ | Number | Kind Code ² (If known) | of Cite | ed Document | | Document DD-YYYY | Passages | Relevant or Relevant Appear | |
| 120 | | 6,220,561 | B1 | | Garcia | 4/2 | 4/2001 | 248 | 1487 | |
| 200 | | 6,285,490 | B1 | Me | eier et al. | 9/4 | 1/2001 | 359 | 291 | |
| Not | | 6,323,982 | B1 | He | ornbeck | 11/2 | 27/2001 | 354 | 1224 | |
| put) | | 6,353,492 | B2_ | McCle | elland et al. | 3/9 | 5/2002 | 359 | 254 | |
| TOP | | 6,396,976 | B1 | Lit | tle et al. | 5/2 | 8/2002 | 385 | 118 | |
| W | | 6,404,313 | B2 | | Asada | 6/1 | 1/2002 | 335 | 1222 | |
| 101 | | US 2001/0025530 | A1 | Sa | kai et al. | 10/ | 4/2001 | 3591 | 292 | |
| m | | US 2001/0044165 | A1 | Le | ee et al. | | 22/2001 | 438/5 | | |
| W | | US 2002/0071171 | A1 | G | reywall | | 3/2002 | 138 | 5142 | |
| Ky. | | US 2002/0093721 | A1 | | Knipe | 7/1 | 8/2002 | 3591 | 291 | |
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the sarial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached,

| | Form 1449A/PT | | Attorn | ey Dock t No.: | Application Numl | |
|--------------|-----------------------------|-------------|-----------------|-------------------------------|------------------------------|--------------------------------------|
| (use as | many medic as access | sary) | | 4341P053 | . 09/775, | 491 |
| Page 3 of 7 | WI 30 OM S | | | amed Inventor: Scott Adams | | |
| ' | WITH THE THE PERSON | | Filing Fe | Date: bruary 2, 2001 | | |
| | | | U.S. PATENT DOC | | | |
| xam. Cite | U.S. Patent I | | | entee or Applicant | Date of Publication | Pages, |
| nitial* No.1 | Number Code ² | Kind | of Cited | d Document | of Cited Document MM-DD-YYYY | Columns, Lines, Where Relevant |
| - | | (If known) | | | | Passages or Relevant |
| | | -01 | EIVED | | | Figures Appear |
| | 5,235,187 | REU | 13 2001 Arno | ey et al. | 08/10/1993 | 250 361 |
| · | 5,287,082 | DEC | Arne | | 02/15/1994 | 250 30 |
| 8 | 5,316,979 | | 110 360 b | nald et al. | 05/31/1994 | 338/30 |
| \$ | 5,393,375 | GRO | UP 36000 MacDo | nald et al. | 02/28/1995 | 437 20 |
| \$ | 5,397,904 | | Arne | ey et al. | 03/14/1995 | 287/6 |
| 9 | 5,399,415 | | Che | n et al. | 03/21/1995 | 428 20 |
| 20 | 5,426,070 | | Sha | w et al. | 06/20/1995 | 437 20 |
| 4 | 5,427,975 | | Spar | ks et al. | 06/27/1995 | 437 7 |
| 15- | 5,428,259 | | Sı | ızuki | 06/27/1995 | 310130 |
| | 5,449,903 | | Arne | ey et al. | 09/12/1995 | 250 30F |
| | 5,483,158 | | van He | teren et al. | 01/09/1996 | 324 315 |
| \$ | 5,501,893 | | Laern | ner et al. | 03/26/1996 | 488 16 |
| 2 | 5,563,343 | | | w et al. | 10/08/1996 | 73/514, |
| <u> </u> | 5,610,335 | | | w et al. | 03/11/1997 | 73/205 |
| | 5,611,888 | | | ch et al. | 03/18/1997 | 1201 MB |
| _{ | 5,611,940 | | | ettler | 03/18/1997 | 73/5/4/ |
| | 5,628,917 | | | nald et al. | 05/13/1997 | 21612 |
| | 5,637,189 | | | ers et al. | 06/10/1997 | 438 466 |
| | 5,645,684 | | | eller | 07/08/1997 | 156 64 |
| - | 5,670,881 | | | wa et al. | 09/23/1997 | 374 32 |
| <u> </u> | 5,719,073 | | | w et al. | 02/17/1998 | 437122 |
| <u> </u> | 5,726,073 | | Zhar | ng et al. | 03/10/1998 | 437/2 |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Signature

'Unique citation designation number. 'See attached Kinds of U.S. Patent Documents. 'Enter Office that issued the document, by the twoletter code (WIPO Standard S.3). 'For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

| | | | | | `., | 7 | | |
|---------------------|--------------|-------------------|--------------|-------------------------|--------------------------------------|------|---------------------------------|------------------------|
| | | Form 1449A/PT | | | Attorney Docket No.: 4341P053 | 7 | Application Numb | |
| Page 4 | of 7/ | WIN 30 MIN SE | | | First Named Inventor: Scott Adams | | | |
| | \ | WITH CHE | 7 | | Filing Date: | ļ | | |
| | | PATENT & TRAD | | | February 2, 2001 | | | |
| | | | | U.S. PATEN | IT DOCUMENTS | | | |
| Exam. Initial* | Cite No.1 | U.S. Patent | Document | Na | me of Patentee or Applicant | | Date of Publication | Pages, |
| initial. | 140. | Number | Kind | 1 | of Cited Document | | of Cited Document MM-DD-YYYY | Columns, Lines, Whe |
| - [| | Code ² | (76) | | | | | Relevant |
| l | | { | (If known) | | | | | Passages o |
| ļ | | | | | | | | Figures |
| - | | 5,759,913 | | | Fulford, Jr. et al. | | 06/02/1998 | Appear |
| - { 1 | | 5,770,465 | | | MacDonald et al. | | 06/23/1998 | 43010 |
| $-\frac{2}{2}$ | | 5,798,557 | | | Salatino et al. | | 08/25/1998 | 2011 |
| - 5 | | 5,804,084 | | | Nasby et al. | | 09/08/1998 | 216 7 |
| 1 | | 5,846,849 | | | Shaw et al. | | 12/08/1998 | 120 15 |
| · 🗾 | ··· | 5,847,454 | | | Shaw et al. | | 12/08/1998 | 1001 |
| 10 | | 5,869,916 | | | Suzuki et al. | | 02/09/1999 | 212 2 |
| - 13 | , | 5,912,094 | - | 8 | Aksyuk et al. | | 06/15/1999 | 31013 |
| 3 | | 5,915,168 | | 0 | Salatino et al. | | 06/22/1999 | 438 110 |
| -5 | | 5,933,746 | 11 00 | - 0 - | Begley et al. | | 08/03/1999 | 4 37 40 |
| 177 | | 5,960,132 | <u> </u> | 2 | Lin | | 09/28/1999 | 382118 |
| 1 | | 5,969,848 | <u> </u> | $\stackrel{\sim}{\sim}$ | Lee et al. | | 10/19/1999 | 354179 |
| 1-4 | | 5,998,816 | ~ ~ | \gtrsim | Nakaki et al. | | 12/07/1999 | 25715 |
| -X | | 5,998,906 | - | ** | Jerman et al. | | 12/07/1999 | 310130 |
| 170 | ** | 6,000,280 | | <u> </u> | Miller et al. | | 12/14/1999 | 73/05 |
| (1) | | 6,002,818 | | | Fatchi et al. | | 12/14/1999 | 385113 |
| - 1 - | | 6,020,272 | | | Fleming | | 02/01/2000 | 428/72 |
| <u></u> |) | 6,044,705 | - | 7 | Nuekermans et al. | | 04/04/2000 | +3/201 LS |
| *** | | 6,097,859 | | | Solgaard et al. | | 08/01/2000 | 382/1- |
| | | 6,121,552 | | | Brosnihan et al. | | 09/19/2000 | 174 2 |
| 1 | | 6,239,473 | | | Adams et al. | | 05/29/2001 | 257 41 |
| == | | | | | | | | |
| | | | | | | | | |
| Examine | r | V. | 21 | 5- | | Date | Considered | |
| Signatur | e | L <i>V</i> | \mathbb{L} | م. ل ر | (mma) |] | 1011618 | |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents, ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

| for Form 1449A/PTO (as many sheets as necessary | Modified)) | | Attorney Docket No.: 4341P053 | Application Num 09/775, | |
|--|--|---|---|--|--|
| 200 E | | | First Named Inventor: Scott Adams | | |
| a de la companya de l | · | | Filing Date: February 2, 2001 | | |
| TALL | U.s | S. PATENT | DOCUMENTS | | |
| . 1 | | Na | me of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| 6,300,665 | B1 | | Peeters et al. | 10/9/2001 | 257 45 |
| 6,330,102 | B1 | | Daneman et al. | 12/11/2001 | 359 290 |
| 6,337,760 | B1 | | Huibers et al. | 1/8/2002 | 359 291 |
| US 2001/0025530 | A1 | | Sakai et al. | 10/04/2001 | 73 5143 |
| US 2001/0044165 | A1 | | Lee et al. | 11/22/2001 | 438/52 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | as many sheets as necessary U.S. Patent Do Number 6,300,665 6,330,102 6,337,760 US 2001/0025530 US | U.S. Patent Document Number Kind Code ² (If known) 6,300,665 B1 6,330,102 B1 6,337,760 B1 US A1 2001/0025530 US A1 | U.S. PATENT W.S. Patent Document Number Kind Code² (If known) 6,300,665 B1 6,330,102 B1 6,337,760 B1 US A1 2001/0025530 US A1 | ### ### ############################## | A341P053 09/775, 19/775, 19/775, 2001 2001 2001/0025530 2001/0025 |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

| | e for form 1449A | | 1 | E | 0 10 105 | pond to a collection of inform | nplete if Known | is a valid | OMB control | number. | |
|------------------------|-------------------------------|--------------|----------------------------------|----------|-------------------------------|---|---|-------------------------|-----------------------|-----------------------|--|
| | by BSTZ 6/30/9 | | 0 | RK 0 | Appl | ication Number | 09/775,491 | 09/775,491 | | | |
| i IN | FORMATION D | DISCLOS | SURE | | | g Date | 02/02/01 | | | | |
| S. | FATEMENT BY | APPLIC | CANT PATENT 8 | TRAN | First Named Inventor Scott Ad | | | | | | |
| (use | as many sheet | s as nec | essary) | | | ıp Art Unit | 2812 | | | | |
| | | | | | Exa | miner Name | | | | | |
| Sheet | 1 | of | 2 | | Atto | mey Docket Number | 4341P053 | | | | |
| | | | | U.S. 1 | ATEN | T DOCUMENTS | | === | | ===== | |
| Examiner Initials * | U.S.Patent D | | | lame of | | or Applicant | Date of Publica Cited Docum MM-DD-YY | ent | Filing Date | if Appropriat | |
| WI | 4,421,3 | 381 | Ueda et al. | | | | 12/20/19 | 83 | † | | |
| W. | 4,598, | 585 | Boxenhorn | | | | 7/8/198 | 6 | | | |
| • | 4,654,6 | 363 | Alsenz et a | d. | | | 3/31/198 | 37 | | | |
| 1 | 4,922,7 | 756 | Henrion | | | | 5/8/199 | 0 | | | |
| b), | 5,016,0 | 72 | Greiff | | | | 5/14/199 |)1 | | | |
| 12 | 5,083,8 | 357 | Hornbeck | | | | 1/28/199 | 92 | 1 | | |
| A | 5,097,3 | 354 | Goto | | | | 3/17/199 |)2 | | | |
| 1 | 5,172,2 | 262 | Hornbeck | | | | 12/15/19 | 92 | † | | |
| 12 | 5,203,2 | 208 | Bernstein | | | | 4/20/199 | 93 | | | |
| \mathcal{I}_{σ} | 5,226,3 | 321 | Varnham e | t al. | | | 7/13/199 | 3 | | ···· | |
| | | | FO | REIG | N PAT | ENT DOCUMENTS | | | | | |
| xaminer | Fore | ign Patent | Document | 7 | | Name of Patentee or A | policant | Date of | Publication of | Translation | |
| Initials * | Office or Coun | try | Number | | Date | of Cited Docume | | Cited | Document DD-YYYY | Yes/No | |
| | Japan | | 60-107017 | - 6/1 | 2/1985 | Tanabe et al. | | 6/1 | 2/1985 | Yes | |
| 12 | Japan | | 6-180428 | 6/21 | 3/1994 | Toyoda et al. | | 6/2 | 8/1994 | Yes | |
| - WA | United Kingdon | m 2 | 2 175 705A | 12/3 | 3/1986 | Greenwood et al. | | 12 | /3/1986 | N/A | |
| | | | | += | | | | - | | | |
| | | | | OTH | IER DO | CUMENTS | | | | | |
| xaminer Initials * | Include name magazine, jou | e of the ar | uthor (in CAPIT al, symposium | , catalo | g, etc.), |), title of the article (when date, page(s), volume-iss e published (if known). | appropriate), title o sue number(s), pub | f the iter lisher, c | n (book, ty and/or | Translation Yes/No | |
| | Robert E. Mihal | lovich, Ż. I | Zhang, K. A. S | haw, ar | nd Noel C | . MacDonald, "Single-Crysta 3, pp. 184-188, IEEE (Februa | Silicon Torsional Re | sonators | School of | N/A | |

Examiner Dat Signature Considered *EXAMINER: Initial if ref rence considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | • | | | COPY | OF PAPERS | <u> </u> | | |
|----------|--------------|--|--|--------------|------------------------|--------------|----------------------------|--|
| Substi | tute for F | Form 1449A/PT | O (Modified) | | | Comple | ete if Known | 1 |
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| | | | | | Filing Date | | February 2, | 2001 |
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| | | use as many shee | ets as necessi | ary) | Group Art Unit | | 2812 | |
| | APK Z | 3 2002 | | | Examiner Name | | Simkovic, V | ictor |
| Sheet | cv | | of | 1 | Attorney Docket Number | er | 4341P053 | |
| | N 8 TR | MDE | | U.S. PATEI | NT DOCUMENTS | | | |
| Exam. | Cite No.1 | U.S. Patent I | Document | Name of Pat | tentee or Applicant | | Publication of Document | Pages, Columns, Lines, Where Relevant |
| Initial* | No. | Number Code ² | Kind (If known) | J OI GREE | d Document | | DOCUMENT DD-YYYY | Passages or Relevant Figures Appear |
| W | - | 5,345,824 | | Sher | man et al. | 09/1 | 13/1994 | |
| | | | | | | | | |
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| Exam. Initial* | Cite No.1 | Forei Office ³ | gn Patent (Number | Document Kind Code ^s (If known) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T, |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵Applicant is to place a check mark here if English language Translation is attached.

Substitut for Form 1449A/PTO (Modified) Attorney Docket No.: Application Number: (use as many sheets as necessary) 4341P053 09/775,491 Page 1 First Named Inventor: Scott Adams Filing Date: February 2, 2001 DEM & TR U.S. PATENT DOCUMENTS U.S. Patent Document Name of Patentee or Applicant Date of Publication Pages, Exam. Cite of Cited Document Initial* No.1 of Cited Document Columns, Kind Code² MM-DD-YYYY Lines, Where (If known) Relevant Passages or Relevant Figures Appear 3,493,820 Rosvold 02/03/1970 5,471,332 Shiragaki et al. 11/28/1995 Ball et al. 12/10/1996 5,583,373 5,648,618 Neukermans et al. 07/15/1997 5,814,889 Gaul 09/29/1998 5,907,425 05/25/1999 Dickensheets et al. 5,999,303 Drake 12/07/1999 6,072,617 Henck 06/06/2000

| | | | | FOR | REIGN PATENT DOCUMENTS | | | |
|----------|------|--|---------------------|--------------------|-------------------------------|---|--|----|
| Exam. | Cite | For | eign Patent D | Ocument | Name of Patentee or Applicant | Date of | Pages, | T6 |
| Initial* | No.1 | Office ³ Code ⁵ | Number ⁴ | Kind (If known) | of Cited Document | Publication of Cited Document MM-DD- YYYY | Cited Lines, Where Relevant Passages or Relevant | |
| W | | DE | 19757181 | A1 | Bosch | 07/01/1999 | | |
| 101 | | DE | 19800745 | A1 | Bosch | 07/15/1999 | | |
| 5 | | EP | 0 834759 | A2 | Dhuler, et al. | 04/08/1998 | | |
| to | | EP | 0 980014 | A1 | Meier, et al. | 02/16/2000 | | |
| Rox | | GB | 2 239 101 | A | Rowe | 06/19/1991 | | |

| | \sim | _1/_ | | |
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| Examiner | | | | Date Considered |
| Signature | M | $\mathcal{N}_{\mathcal{N}}$ | 1 January | 20/8/16 |
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

'Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

| Humax | Number | Kind Code ² (If known) | or ched botalien | MM-DD-YYYY | Lines, Where Relevant Passages or Relevant Figures Appear |
|-------|---------------|--------------------------------------|------------------|------------|---|
| M | 6,075,639 | | Kino et al. | 6/13/2000 | |
| W | 6,078,016 | | Yoshikawa et al. | 06/20/2000 | |
| M | 6,178,284 | B1 | Bergmann et al. | 1/23/2001 | |
| 12 | 6,220,561 | B1 | Garcia | 04/24/2001 | |
| M | 6,245,590 | B1 | Wine et al. | 6/12/2001 | |
| m | 6,253,001 | B1 | Hoen | 6/26/2001 | |
| 101 | 6,262,827 | B1 | Ueda et al. | 7/17/2001 | |
| m | 6,295,154 | B1 | Laor et al. | 9/25/2001 | |

| Exam. Initial* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant | Date of | Pages, | T ⁶ |
|-------------------|--------------------------|--|---------------------|--------------------|-------------------------------|---|--|----------------|
| | | Office ³ Code ⁵ | Number ⁴ | Kind (If known) | of Cited Document | Publication of Cited Document MM-DD- YYYY | Columns, Lines, Where Relevant Passages or Relevant Figures Appear | |
| M | | GB | 2 275 787 | A | Pember | 09/07/1994 | | |
| W | | WO | 99/67666 | | Laor | 12/29/1999 | | |
| | | | | | | | | L |
| - 1 | |] | | | | | ļ | i |

| | · · | <u> </u> | |
|-----------|------|----------|-----------------|
| Examiner | 1/2" | | Date Considered |
| Signature | OW | N. (men) | 9/18/0 |
| | | | |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

| 1 | (use as | Form 1449A/P | TO (Modif | | Attorney Docket No.: 4341P053 | | Application N 09/7 | | | |
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| | | E AM | TARTE STATE OF THE | | Filing Date: February 2, 2001 | | | | | |
| | | THE | II 9 | S PATEN | NT DOCUMENTS | | | | | |
| Exam. Initial* | Cite No.1 | U.S. Pater Number Code ² | Kind (If known) | | ame of Patentee or Applicant of Cited Document | | Date of Publical of Cited Docum MM-DD-YYY | ent | Page Colum Lines, V Relev Passag Relev Figu Appe | rins, Where vant ges or vant res |
| W | 1 | 4,613,203 | | | Proetel et al. | | 9/23/198 | 6 | 2100 | <u></u> |
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| | | | Ū | S. PATI | ENT DOCUMENTS | | | | |
| Examiner Initials * | U.S.Patent Docu Number | ıment | | me of Pate | ntee or Applicant Document | Date of Publical Cited Docum MM-DD-YYY | ent | Filing Date | if Appropriate |
| 3 | 5,488,86 | 2 | Neukermans | s et al. | | 2/6/199 | 6 | 73 | 50.40Z |
| (3) | 5,524,15 | 3 | Laor | | | 6/4/199 | 3 | 180 | 5/16 |
| -3 | 5,536,98 | 8 | Zhang et al. | | | 7/16/199 | 6 | 310 | 307 |
| \$ | 5,629,79 | 0 | Neukermans | et al. | | 5/13/199 | 7 | 350 | 11198 |
| 3 | 5,673,13 | 9 | Johnson | | | 9/30/199 | 7 | 350 | 1198 |
| (3 | 5,920,41 | 7 | Johnson | | | 7/6/199 | 9 | 350 | 1/223 |
| | 6,000,28 | 0 | Miller et al. | | | 12/14/1999 | | 731 | 105 |
| | 6,097,85 | В | Laor | | | 8/1/2000 | | 385 | 116 |
| 3 | 6,097,86 | o o | Laor | | | 8/1/200 | | 385 | 14 |
| 72 | 6,101,29 | 9 | Laor | | | 8/8/200 |) | 385 | 16 |
| | | | FOR | REIGN P | ATENT DOCUMENTS | | | | |
| Examiner | | | Document | | Name of Patentee or A | | Date of I | Publication o Document | Translation? |
| Initials * | Office or Country | | Number | Date | of Cited Documer | nt | | DD-YYYY | Tes/No |
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| Examiner Initials * | Include name magazine, journ | of the ar | al, symposium, o | catalog, e | ERS), title of the article (when a tc.), date, page(s), volume-iss where published (if known). | appropriate), title ou ue number(s), pub | f the iter lisher, cl | n (book, ty and/or | Translation? Yes/No |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| | (use as r | Form 1449A/PT(| | Attorney Docket No.: 4341P053 | Application Number: 09/775,491 | | |
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| | | ATEM & TREET, | | Filing Date: February 2, 2001 | | | |
| | | | τ | J.S. PATENT DOCUMENTS | | | |
| Exam. Initial* | Cite No. ¹ | U.S. Patent I Number Code ² | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | |
| ard | | 4,104,086 | | Bondur et al. | 08/01/1978 | 148/15 | |
| S | | 4,509,249 | | Goto et al. | 04/09/1985 | 241576 | |
| M | | 4,519,128 | | Chesebro et al. | 05/28/1985 | 241576 | |
| Vir | | 4,553,436 | | Hansson | 11/19/1985 | 73 517 R | |
| both | | 4,571,819 | | Rogers et al. | 02/25/1986 | 29 576 | |
| 120 | | 4,670,092 | | Motamedi | 06/02/1987 | 156/643 | |
| W. | | 4,688,069 | | Joy et al. | 08/18/1987 | 357 34 | |
| M | | 4,706,374 | | Murakami | 11/17/1987 | 437 225 | |
| Jan. | | 4,738,500 | | Grupp et al. | 04/19/1988 | 350/6,6 | |
| w | | 4,784,720 | | Douglas | 11/15/1988 | 136 643 | |

| | | | | FO | REIGN PATENT DOCUMENTS | | · · · · · · · · · · · · · · · · · · · | |
|----------|------|--|---------------------|--------------------|---|---|--|----|
| Exam. | Cite | For | eign Patent D | Document | Name of Patentee or Applicant | Date of | Pages, | T6 |
| Initial* | No.1 | Office ³ Code ⁵ | Number ⁴ | Kind (If known) | PECE 13 2001 DEC 13 2001 Hansmann et ala OUP 3600 | Publication of Cited Document MM-DD- YYYY | Columns, Lines, Where Relevant Passages or Relevant Figures Appear | _ |
| lin | | DE | 4224601 | A1 | Hansmann et ala | 01/27/1994 | G02B76/00 | 5 |
| w | | WO | 94/18697 | | Shaw et al. | 08/18/1994 | HOIL 2144 | |
| w | | WO | 97/04283 | | Miller et al. | 02/06/1997 | GO B | |
| 14 | | WO | 99/36941 | | Adams et al. | 07/22/1999 | HILL | |
| 100 | | WO | 99/36948 | | Adams et al. | 07/22/1999 | | |

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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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| | (use as 1 | Form 1449A/PT | O (Modified) | | Attorney Docket No.: 4341P053 | A | pplication Numl . 09/775, | |
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| | | PATENT & TRADE | <i></i> | | Filing Date: February 2, 2001 | | | <u>.</u> |
| | | | | U.S. PATEN | NT DOCUMENTS | | | |
| Exam. Initial* | Cite No. ¹ | U.S. Patent Number Code ² | | CEIVE | ame of Patentee or Applicant of Cited Document | | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| B | | 4,851,080 | | OLIP | 3 Howe et al. | | 07/25/1989 | 156/647 |
| K | | 4,855,017 | G | HOO. | Douglas | | 08/08/1989 | 156 643 |
| FOU | | 4,876,217 | | | Zdebel | | 10/24/1989 | 43467 |
| 79 | | 5,068,203 | | | Logsdon et al. | | 11/26/1991 | 437 89 |
| (m) | | 5,095,752 | | | Suzuki et al. | | 03/17/1992 | 73 514,32 |
| Trol. | | 5,121,180 | |] | Beringhause et al. | | 06/09/1992 | 257 417 |
| ND, | | 5,126,812 | | | Greiff | | 06/30/1992 | 357-125 |
| w | | 5,198,390 | | | MacDonald et al. | | 03/30/1993 | 437 203 |
| (it) | | 5,199,088 | | | Magel | | 03/30/1993 | 385 18 |
| it. | | 5,221,987 | | | Laughlin | | 06/22/1993 | 359/222 |

| Exam. | Cite | For | eign Patent L | Document | Name of Patentee or Applicant | Date of | Pages, | T6 |
|----------|------|--|---------------------|--------------------|-------------------------------|---|--|----|
| Initial* | No.1 | Office ³ Code ⁵ | Number ⁴ | Kind (If known) | of Cited Document | Publication of Cited Document MM-DD- YYYY | Columns, Lines, Where Relevant Passages or Relevant Figures Appear | |
| WT ! | | WO | 01/33898 | A2 | Ramaswami et al. | 05/10/2001 | 404 Q 11 00 | |
| M | | WO | 01/39413 | A2 | Ramaswami et al. | 05/31/2001 | H041 300 | |
| W | | EP | 1 120677 | A2 | Wood et al. | 08/01/2001 | GOLB 26/02 | _ |
| 4 | | EP | 1 120989 | A1 | Mazzurco et al. | 08/01/2001 | HO4 Q 11104 | |
| IN | | JP | 5-107485 | Α | Koyabu et al. | 04/30/1993 | | 7 |

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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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| Initials* | No1 | of the item (book, magazine, journal, seria | il, symposium, catalog, etc.), date, pag | | | | | | |
| | <u> </u> | issue number(s), publisher, city and/or country where published | | | | | | | |
| | 1 | Timothy J. Broshnihan, James M. Bustill | | | | | | | |
| 124- | 1 | "Embedded Interconnect & Electrical Iso | olation for High-Aspect-Ratio, SOI | Inertial | | | | | |
| W*\ | ł | Instruments," Berkeley Sensor & Actuat | | • | | | | | |
| | 1 | International Conference on Solid-State Sensors and Actuators (Chicago, June 16-19, | | | | | | | |
| | | 1997) | | | | | | | |
| 100 | [| Janusz Bryzek, Kurt Petersen, & Wende | Il McCulley, "Micromachines on the | ie March," | | | | | |
| Most | | IEEE Spectrum, pp. 20-31 (May 1994) | | | | | | | |
| | | Wolfgang Kuehnel and Steven Sherman | . "A Surface Micromachined Silico | n | | | | | |
| 10. | Į | Acclerometer with On-Chip Detection C | | | | | | | |
| | ł | (1994) (5/1994) | , | | | | | | |
| ١٥ | | Howard K. Rockstad, et al., "A Miniatur | re High-Sensivitivity Broadband A | ccelerometer | | | | | |
| M | | Based on Electron Tunneling Transduce | | | | | | | |
| | L | (1994) (1/1944) | | | | | | | |
| 11 | | Lynn Michelle Roylance and James B. A | | | | | | | |
| M | | Accelerometer," IEEE Transactions on E | lectron Devices, Vol. Ed-26, No. 12 | ., pp. 1911- | | | | | |
| 0 1 | | 1917 (December 1979) | | | | | | | |
| 1/42- | | Kevin A. Shaw, et al., "SCREAM I: A Si | | | | | | | |
| / /\ | | Etching Process for Microelectromechan | iical Structures," Sensors and Actu | ators A, 40 | | | | | |
| - | 0 | pp. 63-70 (1994) (4) 17 (1943) | | Comb | | | | | |
| M | 0 | Toshiki Hirano, et al., "Design, Fabricati | | | | | | | |
| | 360 | Drive Microactuators," J. of Microelectro (March 1992) | onechanical systems, vol. 1, No. 1 | , pp. 32-39, | | | | | |
| 超製 | co | V.P. Jaecklin. et al., "Comb Actuators for | r XV-Microstages " Sensors and Ac | tuators A | | | | | |
| 10 m | 막 | 39, pp. 83-89 (1993) (3) 1993) | MI Microsinges, Devisors and Me | tuato25, 21, | | | | | |
| | コ | (3/1/45) | | | | | | | |
| | 0 | Susanne C. Arney and Noel C. MacDona | ald, et al., "Formation of Submicro | n Silicon-On- | | | | | |
| | i c | Insulator Sructures by Lateral Oxidation | n of Substrate-Slicon Islands," J. Va | ıc. Sci. | | | | | |
| ساراقا | C | Technol. B Vol. 6 No. 1, pp. 341-345, (Jar | | | | | | | |
| , 11 | | TDiederick W. de Bruin, et al., "Second-O | order Effects in Self-Testable Accele | erometers," | | | | | |
| 25 | ſ | IC Sensors, IEEE, pp. 149-152 (1990) | 1990) | | | | | | |
| | | <u> </u> | | lla T alaa | | | | | |
| m | | "Lucent's New All-Optical Router Uses I press release, pp. 1-4, November 10, 199 | | us Laos | | | | | |
| V \ | | labs.com/news/1999/november/10/1.l | | | | | | | |
| i | | I AMPORTED AND INTERNATIONAL TOTAL T | 110011 | | | | | | |

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| Page 6 of 7 | | | First Named Inventor: | | | |
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| | | | Filing Date: | | | |
| | | | February 2, 2001 | | | |
| | | OTHER ART – NO PATENT | LITERATURE DOCUMENTS | | | |
| Examiner | | | | | | |
| Initials* | No ¹ | of the item (book, magazine, journal, seria | | | Translation ² | |
| 111111111111111111111111111111111111111 | | issue number(s), publisher, o | (-,,, 1024411 | | | |
| • | | Rudolf F. Graf, Radio Shack Dictionary | of Electronics, p. 639, Definition of | Varibale | | |
| Capacitor with Picture (1974) | | | • | İ | | |
| U O(| | | | | | |
| | | M. Adrian Michalicek, Wenge Zhang, K | | | | |
| t . | | "Micromirror Arrays Fabricated by Flip | | | | |
| IM | | on Miniaturizes Systems with Micro-Op | tics and MEMs, Santa Clara, SPIE | Vol. 3878, | | |
| W C L | | pp. 68-79 (September 1999) | No. Dec. 14 th City Is Decity City | -1- C1-1 | | |
| 1 | | Chris Seung-Bok Lee, Sejin Han, Noel C | | | | |
| 100 | | | rs for Large Displacement Fabricated by Deep Reactive Ion | | | |
| $w \setminus v$ | | Etching, "Solid-State Sensor and Actuator Workshop, Hilton Head Island, SC, pp. 45-50 (June 8-11, 1998) | | | | |
| | | | loel C. MacDonald, "Suspended Th | ermal Oxide | /* | |
| 10.1 | | Russell Y. Webb, Scott G. Adams, and Noel C. MacDonald, "Suspended Thermal Oxide Trench Isolation for SCS MEMS." SPIE Vol. 3519, Boston, MA, pp. 196-199 (November | | | | |
| 401 | 0 | 1998) | | | | |
| | 360 | Seung Chris B. Lee, "Two-Depth, Single | Crystal Silicon Microelectromecha | nical | | |
| | 99 | Systems." A Dissertation Presented to th | | | | |
| \sim \sim | כיי | University in Partial Fulfillment of the Requirements for the Degree of Doctor of | | | | |
| 3 | Ω | Philosophy, (January 2000) | | | | |
| CO FINA | | Leslie A. Field, Diane L. Burriesci, Peter R. Robrish, and Richard C. Ruby, | | | | |
| | 0 | "Micromachined 1 X 2 Optical-Fiber Switch," Sensors and Actuators A, 53, pp. 311-315, | | | | |
| | 2 | (1996) | sing for Wish Brightness Wigh Bo | alution | | |
| 14 | G | Larry J. Hornbeck, "Digital Light Processing for High-Brightness, High-Resolution Applications," SPIE Vol. 3013, San Jose, CA, pp. 27-40 (February 1997) | | | İ | |
| 6V) | | Applications, SFIE vol. 3013, San Jose, | CA, pp. 27-40 (rebluary 1997) | | - | |
| | | Noel C. MacDonald, "SCREAM MicroEl | ectroMechanical Systems." Microe | lectronic | | |
| 1.7 | | Engineering, 32, pp. 49-73 (1996) | • | | i | |
| KW | | | | | | |
| , , | | Ming C. Wu, "MEMS for Optical and RF Applications." UCLA Extension, Department | | | | |
| 127 | | of Engineering, Information Systems and | d Technical Management, Enginee | ring: 823.52, | | |
| | | November 1-3, 1999. | | | | |
| 1 10 1 | | Wolfgang Hofmann, Chris S. Lee, and N | | | ı | |
| Y N | | Dimensional Single-Crystal Silicon Micr | | ors and | | |
| - 1 79 + 1 | l | Materials, Vol. 10, No. 6, pp. 337-350 (19 | (88) | | | |
| F | | | Deta | | 1 — | |
| Examiner ¹ | | | Date | 1 1 . | ノック | |

Considered

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^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

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| Page 7 of 7 | | | First Named Inventor: | | | | |
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| with a second | | | Filing Date: February 2, 2001 | | | | |
| | Armin TRIB | | | | | | |
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| Initials* | No ¹ | of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume- issue number(s), publisher, city and/or country where published | | | | | |
| 1 1 | 1 | William C. Tang, Martin G. Lim, and Ro | | | | | |
| 1907 | | Levitation and Control Method" Journal of Microelectromechanical Systems, Vol. 1, | | | | | |
| | | No. 4, pp. 170-178 (December 1992) PCT Notification of Transmittal of The International Search Report or The Declaration | | | | | |
| مما | <u> </u> | for PCT Counterpart Application No. PC | | | | | |
| W |) | Search Report (September 5, 2001) | , | | | | |
| 14. | | M.C. Wu, LY Lin, SS. Lee, and K.S.J. I | | | ntegrated | | |
| M | | Micro-Optics," Sensors and Actuators A | , 50, pp. 127-134 (1995) |)(1 \ 1995) | | | |
| 101 | | Joseph E. Ford, Vladimir A. Aksyuk, Da | | | | | |
| 1001 |] | "Wavelength Add-Drop Switching Usin | | s," Journal of I | Lightwave | | |
| | | Technology, Vol. 17, No. 5, pp. 904-911 | | ical 2 v 2 Crusia | ah for | | |
| Cornel Marxer and Nicolaas F. de Rooij, "Micro-Opto-Mechanical 2 x 2 Switch for Single-Mode Fibers Based on Plasma-Etched Silicon Mirror and Electrostatic | | | | | | | |
| Actuation," Journal of Lightwave Technology, Vol. 17, No. 1, pp. 2-6 (January 1999) | | | | | | | |
| D.T. Neilson, V.A. Aksyuk, S. Arney, N.R. Basavanhally, K.S. Bhalla, D.J. Bishop, B.A. | | | | | | | |
| 111 | 1 | Boie, C.A. Bolle, J.V. Gates, A.M. Gottlie | - | | | | |
| 10/ | } | S.K. Korotky, B. Mikkelsen, F. Pardo, G. | | | | | |
| · · | } | Blarcum, , L. Zhang, and C.R. Giles, "Fully Provisional 112 x 112 Micro-Mechanical | | | | | |
| | 1 | Optical Crossconnect With 35.8Tb/s Demonstrated Capacity," OFC 2000 Tech. Dig., Baltimore, Maryland, pp. 202-204 (March 7-10, 2000) | | | | | |
| | | Saturday Marcy pp. 202 201 (Marc | | 3 | | | |
| | | | CEIVE | ر | | | |
| | | RECL. 2001 | | | | | |
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Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.
